

OIB - C-130 Hercules 10/30/13 Science Report

Date: Wednesday, October 30, 2013

Mission: OIB

Mission Location: Thule, Greenland

Mission Summary:

Transit to Greenland for C130 LVIS, LVIS-GH OIB Mission

All instruments operational

Data collected over Penny Icecap, Canada on transit

Calibration maneuver performed before landing at Thule

LVIS GH 100GB

LVIS 50GB

LVIS POSAV 10GB

Camera 50GB

Submitted by: Michelle Hofton on 10/30/13

Related Flight Report:

C-130 Hercules 10/30/13

Flight Number: Transit

Payload Configuration: LVIS

Nav Data Collected: No

Total Flight Time: 7.9 hours

Submitted by: Cate Easmunt on 10/30/13

Flight Segments:

From:	KWAL	To:	BGTL
Start:	10/30/13 10:20 Z	Finish:	10/30/13 18:16 Z
Flight Time:	7.9 hours		
Log Number:	131001	PI:	Michael Studinger
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Transit		

Flight Hour Summary:

	131001	141001
Flight Hours Approved in SOFRS	100	
Flight Hours Previously Approved		52.5
Total Used	47.5	90.7
Total Remaining		-38.2

141001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/06/13	5	Science	7.3	7.3	45.2	
11/08/13	6	Science	7.7	15	37.5	

11/09/13	7	Science	7.8	22.8	29.7
11/12/13	8	Science	5.4	28.2	24.3
11/14/13	9	Science	7.4	35.6	16.9
11/15/13	Return transit, leg 1	Transit	8.5	44.1	8.4
11/15/13	Return transit, leg 2	Transit	1.1	45.2	7.3

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Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

131001 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
09/27/13	FCF / ECF #1	Check	2	2	98	
10/26/13	PCF	Check	3.7	5.7	94.3	
10/29/13	Transit (incomplete)	Transit	5.2	10.9	89.1	
10/30/13	Transit	Transit	7.9	18.8	81.2	
10/31/13	1	Science	7.2	26	74	
11/01/13	2	Science	7.3	33.3	66.7	
11/04/13	3	Science	6.4	39.7	60.3	
11/05/13	4	Science	7.8	47.5	52.5	